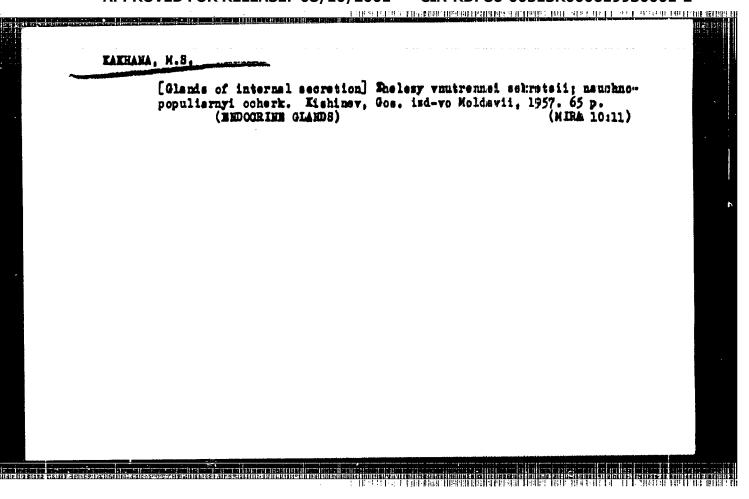
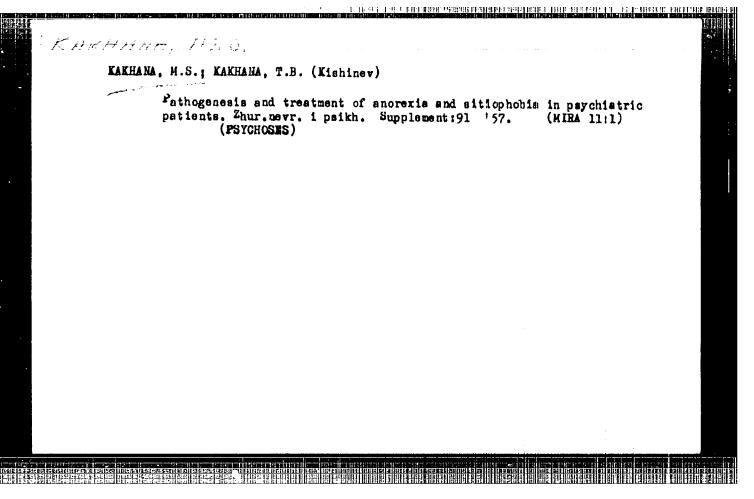
KAKHANA, M.S.

Effect of the cerebral cortex on ovarian function. Fizial.zhur.
[Ukr.] 2 no.1:26-30 Ja-F '56. (HLRA 10:1)
(CEREBRAL CORTEX) (OVARIES--INNERVATION)

# EXHAMA, M.S. (Eishinev) Bifects of higher nervous activity collapse on the weight and structure of the thyroid gland. Probl.endokr. i gorm. 2 no.2:63-66 Mr-Ap \*56. (MLRA 9:10) 1. Iz kafedry fiziologii cheloveka i shivotnykh (sar. - prof. I.M. vul) Kishinevekogo universiteta. (THIROID OLAND, physiol. weight & structure, eff. of conditioned reflex) (REFLEX, CONDITIONED, eff. eff. on weight & structure of thyroid gland)

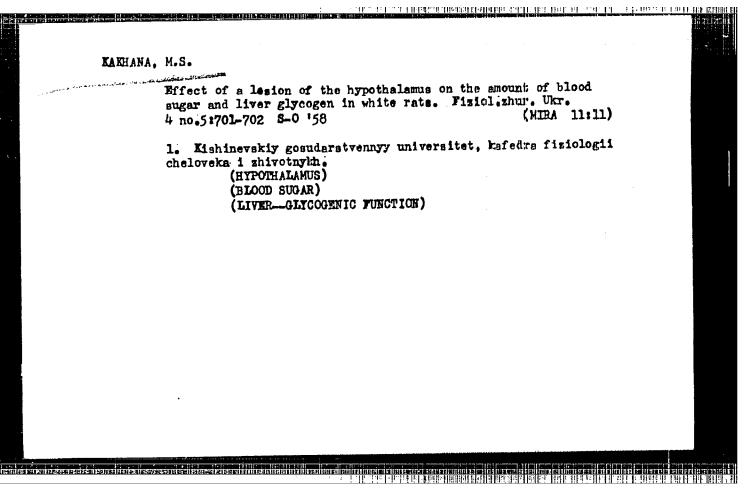


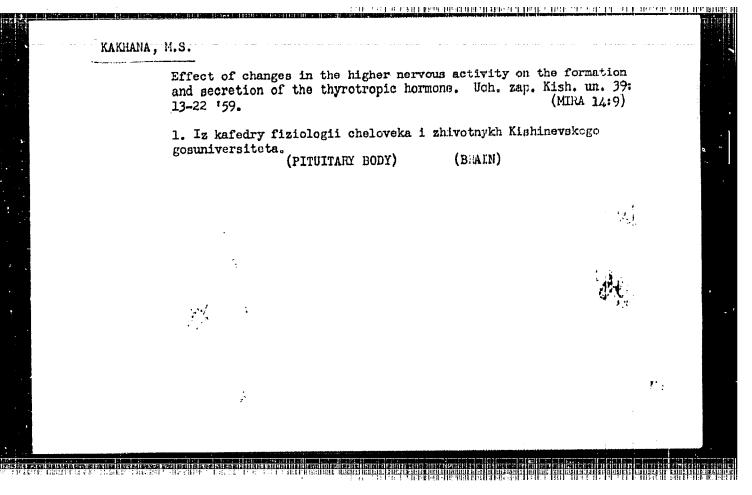
APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619930001-2"



Eale of nerve factors in the pathogenesis of spasmophilia. Bov.med.

22 no.6152-55 Je '58
(SPASMOPHILIA, etiol., & pathogen.
role of HS disord. (Rus))
(MERYOUS SISTEM, dis.
causing spasmophilia (Rus))





### KAKHANA, M.S.

Effect of repeated defense reactions on the function of the thyroid gland in rabbits with experimental thyroiditis. Ush. zap. Kish. un. 39:23-28 159. (MIRA 14:9)

1. Iz kafedry fiziologii cheloveka i zhivotnykh Kishinevskogo gosuniversiteta.

(THYROID GLAND-DISEASES)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619930001-2"

KAKHANA, M.S.; SHOYMER, A., red.; MILYAN, N., tekhn.red.

[Cortical and visceral regulation of the functions of the thyroid gland] Kortiko-vistseral nais regulated function functions shehitovidnoi zhelezy. Kishinev, Gos.izd-vo "Kartis Holdoveniaske," 1960. 236 p. (MIRA 14:2) (THYROID GLAND) (CEREBRAL CORTEX)

KAKHANA, M. S. Doc Med Sci -- "Study of cortico recommendations of the thyroid gland." Len, 1960 (Acad Sci USSR, Inst of Physciology im I. P. Pavlov). (KI, 1-61, 204)

-340-

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619930001-2"

KAKHANA, M.S.; KAKHANA, T.B.

Mechanism of the galactogenic activity of amimazine in mental patients. Zhur.nevr.i psikh 60 no.8:1019-1023 '60. (MIRA 13:9)

. PERENE EN L'ELEMENT REPRESENTATION DE LA COMPANY DE LE PRESENTATION DE LE PROPERTIE DE LA COMPANY DE LA COMPANY

1. Respublikanskaya psikhonevrologicheskaya bol'nitsa MSSR (glavnyy vrach B.A.Morozov) i kafedra fiziologii cheloveka i zhivotnykh (zav. M.S. Kakhana) Kishinevskogo gosudarstvennogo umiversiteta.

(LACTATION) (CHLORPHOMAZINE)

(MENTAL ILLNESS)

KAKhana, M. S., Dr. Med. Sci., — (diss) "Study of the cortico-visceral mechanisms regulating the functions of the thyroid gland," Moscow, 1961, 23 pp, (Central Institute for the Advanced Training of Physicians), 300 copies (KL-Supp 9-61, 187)

KAKHANA, Mares Samoylovich; SHCHETININA, Ye., red.; SHEKHTER, D.,
tekhm. red.

[Pathorygeiology of the hypothalamus; hypothalamus-endocrino
syndromes]Patofiziologiia gipotalamusa; gipotalamoendokrinnye sindromy. Kishinev, Kartia moldoventasko, 1961.
258 p.

(HYPOTHALAMUS—DISEASES)

KAKHANA, M.S.; KAKHANA, A.M.

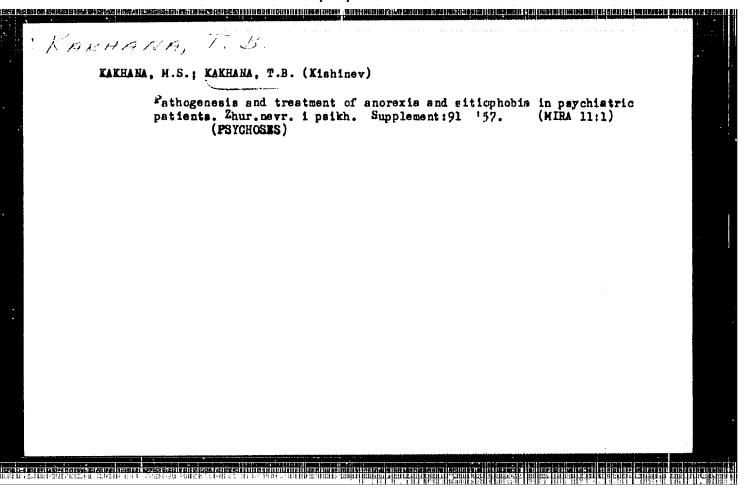
Pathogenesis of hypothalamic adiposis. Sov. mod. 25 no.9:72-75
S '61.

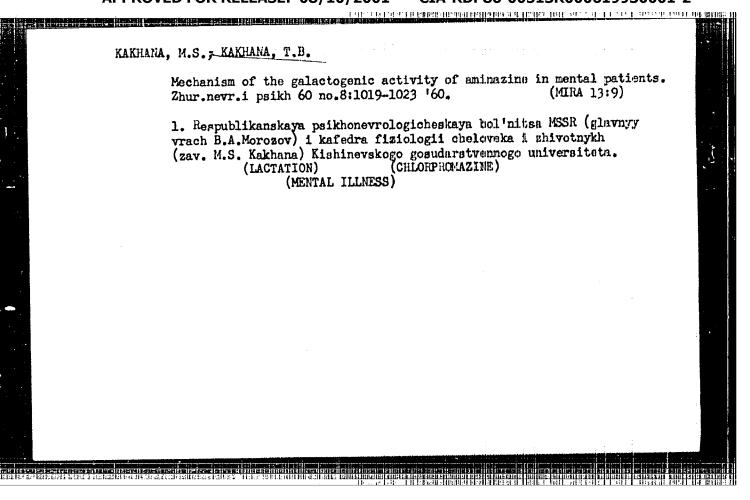
1. Iz kafedry fiziologii cheloveka i shivotnykh (zav. M.S.Kakhana)
Kishinevskogo universiteta.
(HYPOTHALAMUS) (CORPULENCE)

KAKHANA, M.S., prof.; SHCHETININA, Ye., red.

[Hypothalamic syndromes] Gipotalamicheskie sindromy. Kishinev, Kartia moldoveniaske, 1965. 215 p.

(MIRA 18:4)





EL LE SERVE LA COMPARTA DE PROPERTO DE LA COMPARTA DEL COMPARTA DE LA COMPARTA DEL CO

MAKOVSKIY, Veniamin L'vovich, doktor tekhn.nauk; KAKHANOV, Georgiy Semenovich, inzh.; LYASHENKO, Dmitriy Nikolayevich, inzh.; ANTOROV, P.L., inzh., red.; SOROKIN, N.N., inzh., red.; KHITROV, P.A., tekhn.red.

[Tunnel and subway construction abroad] Scorushenie tonnelei i metropolitenov za rubezhom. Moskva, Gos. transp. zhel-dor. izd-vo 1957. 147 p. (Babushkin. Vsesciuznyi nauchno-issledovatel'skii institut transportnogo stroitel'stva, Trudy, mo.26) (MIRA 11:6) (Tunnels) (Subways)

KAKHANOV, V.G.; KOMAROV, V.D.

Klectric circuit for control by induction braking during the testing of automobile units. Avt. prom. 30 no.lis16-17 N \*64 (MIRA 1822)

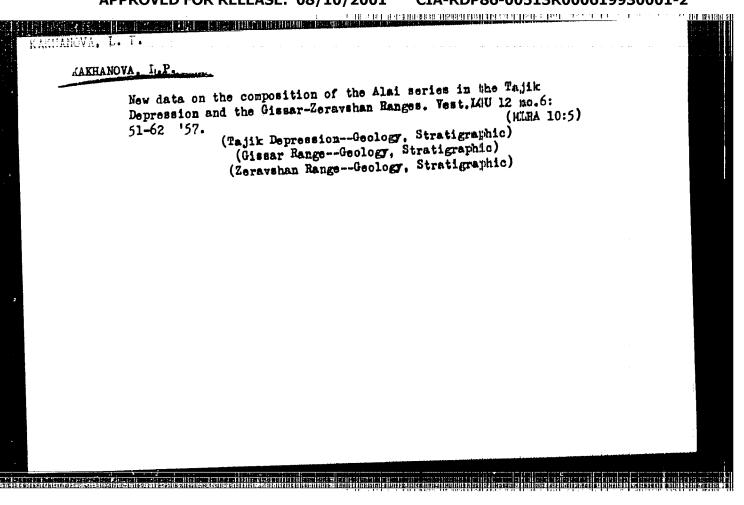
1. Moskovskiy avtozavod imeni likhacheva.

BUGROVA, E.M.; KAKHAROVA, L.P.; KONDITEROV, V.N.; TOISTIKOVA, N.V.; TRAVINA, T.F.

Conditions governing the medimentation in Badkhyz in the Palengeme.

Trudy VSEGEI 109:238-263 '63.

(MIRS 17:7)



KAKHANOVA, L. P., Cand Geolog-Mineralog Sci (diss) -- "The stratigraphy and bivalve molluscs of the Alay stratum of the Tadzhik depression and certain adjacent regions". Leningrad, 1959. 23 pp (Leningrad Order of Lenin State U im A. A. Zhdanov, Geol Museum Acad Sci USSR im A. P. Karpinskiy), 200 copies (KL, No 9, 1960, 123)

KAKHANOVA, L.P.

Age of the Alay series of Paleogene deposits in Central Asia. Geol.sbor. [Lvov] no.7/8:299-310 '61. (MIRA 14:12)

1. Geologicheskiy muzey AN SSSR imeni A.P. Karpinskogo, Leningrad i Gosudarstvennyy universitet imeni A.A. Zhdanova. (Soviet Central Asia--Paleontology, Stratigraphic)

### 

BURMAKIN, A.V.; KAKHANOVA, L.P.; STARSHININ, D.A.

Paleogene of the Karategin Range. Dokl. AN SSSR 140 no.5:1141+1143 0 '61. (MIRA 15:2)

1. Vsesoyuznyy nauchno-issledovatel skiy geologicheskiy institut i Upravleniye geologii i okhrany nedr pri Sovete Ministrov Tadzhikskoy SSR. Predstavleno akademikom D.V. Kalivkinym. (Karategin Range—Geology, Stratigraphic)

KAKHANOVA, L.P.; SOBOLEVA, R.P.

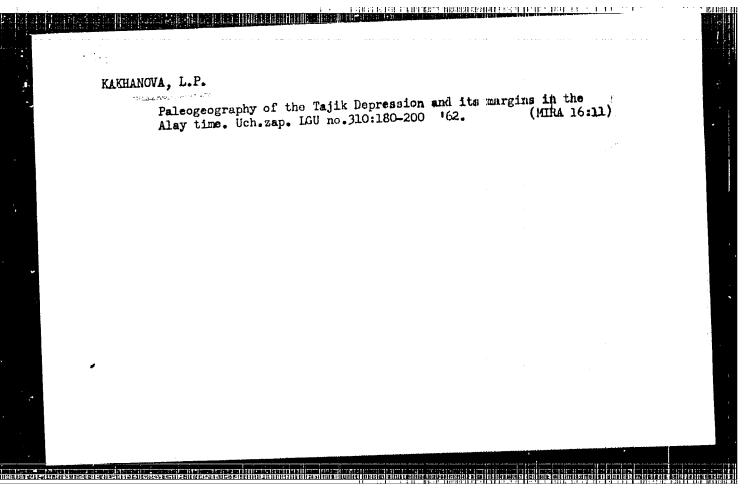
First find of a Late Paleocene normal marine nollusk fauma in the southwestern part of the Kyzyl Kum. Dokl. AN SSSR 147 no.1:184-187 N '62. (MIRA 15:11)

1. Predstavlenc akadenikom D.V. Nalivkinym. (Kyzyl Kum. Molluske, Fossil)

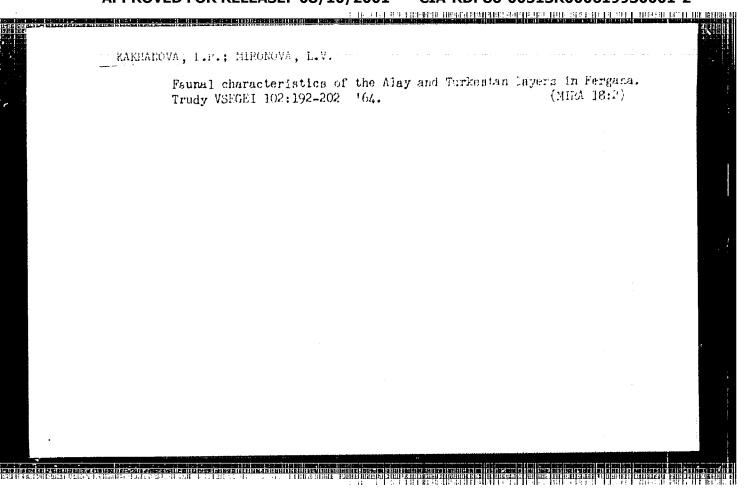
APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619930001-2"

ARKHANGEL'SKAYA, I.M.; ERONSHTEYN, T.Ya.; KAKHANOYA, L.R.

Allay layers of the Trans-Alay and Alay Ranges. Trudy VNICRI
(MIRA 16:1)
(Alay Range—Geology, Stratigraphic)
(Trans-Alay-Range—Geology, Stratigraphic)



APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619930001-2"



KAKHNOVICH, L.V.; KHODORENKO, L.A.

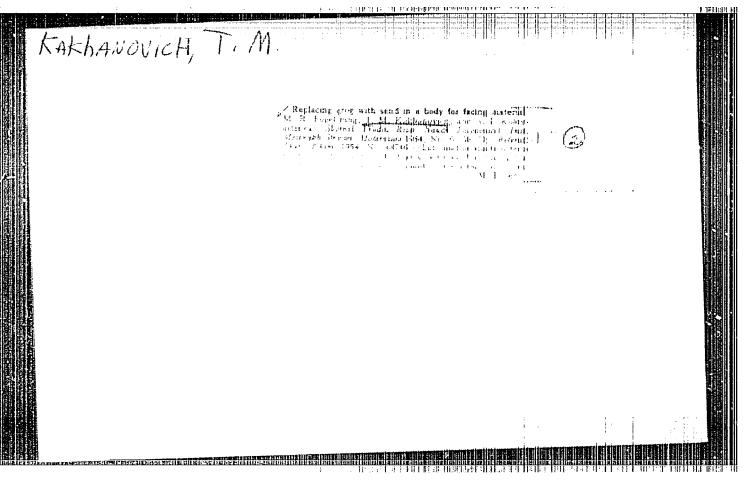
Methods of sampling and chlorophyll content computation.

Fiziol. rast. 11 no.5:933-936 S-0 '64. (MIRA 17:10)

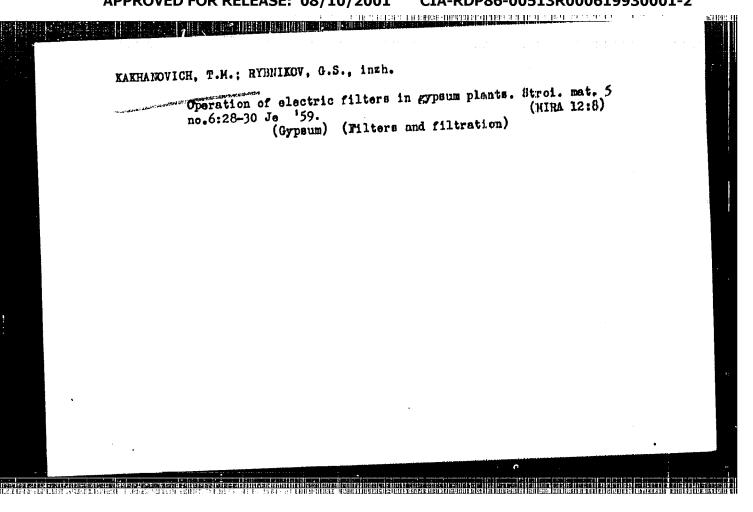
1. Belorusskiy gosudarstvennyy universitet, Minsk.

KAKHANOVICH, Mikhail Vasilyevich (Crimea State Medianal Institute), for Doctor of Medianal Sciences on the basis of the dissertation defended 5 May 1958 in the Council of this 2nd Moscow State Medianal Institute im. Pirogov, emtitled: "Contributions—to the Study of the Medianal Contributions—to the Study of the Medianal Cont

90 29



APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619930001-2"



BURTSEV, V.M.; KAKHANCVICH, T.P.; KUBASSKIY, S.I.; LAPSHIM, F.V.;
REYZHER, Yu.B., nauchnyy red.; TYUTYUNIK, M.S., red. izdva; MOCHALINA, Z.S., tekhn. red.

[Automation of the grinding and calcination of gypsum] Opyt
avtomatizatsii pomola i varki gipsa. Moskva, Gosatroiizdat,
1962. 59 p. (Gypsum)

(Gypsum)

KAKHANOVICH, T.M.; KUBASSKIY, S.I., inzn., glav. red.; ANTONOVA,

[Completely prefabricated bathrooms; practices of the Danilov Plant of the Main Administration for Industrial Building Materials in the City of Moscow] Proizvodstvo sanitarno-tekhnicheskikh kabin polnoi zavodskoi gotov-nosti; opyt Danilovskogo zavoda Glavmospromstroimaterialov. Moskva, Gosstroiizdat, 1963. 28 p. (MIRA 17:5)

1. Akademiya stroitel'stva i arkhitektury SSSH. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. 2. Direktor Danilovskogo alebastrovogo zavoda Glavnogo upravleniya promyshlennosti stroitel'nykh materialov i stroitel'nykh demtaley (for Kakhanovich). 3. Danilovskiy alebastrovyy zavod Glavnogo upravleniya promyshlennosti stroitel'nykh materialov i stroitel'nykh detaley (for Kubasskiy).

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619930001-2"

AKHUNDOV, E.B.; KAKHANOVICH, V.S.

Problem of the direct measurement of relative increments in power installations. Trudy Inst. energ. All BSSR no.10: 81-97 159. (Electric power production)

AKHUNDOY, E.B., kand.tekhn.nauk; KAKHANOVICH, Y.S., inzh.
APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619930001-2"

Measuring the relative increase of power installations. Blek. sta. 31 no.2:38-41 F '60. (MIRA 13:5)

(Power engineering)

28915

S/170/61/004/011/018/020 B108/B138

24.5200

AUTHOR:

Kakhanovich, V. S.

TITLE:

A method of measuring the heat consumption with corrections

for certain parameters

PERIODICAL:

Inzhenerno-fizicheskiy zhurnal, v. 4, no. 11, 1961, 125-128

TEXT: The parameters of a heat transfer circuit are often subjected to fluctuations which are not usually considered in heat consumption calculations. The author suggests a new equation for the heat transfer by a heat transfer agent

 $Q = k_2 \alpha \epsilon k_1 G_0 i \sqrt{\gamma}$  where  $k_2 = \frac{1}{\alpha_0 \epsilon_0 k_1 \sqrt{\gamma_0}}$ 

i is heat content,  $\alpha_0$ ,  $\epsilon_0$ ,  $k_{t_0}$ , are the consumption deefficient, a correction factor for expansion, and a correction factor for the expansion of the equipment, respectively, all referred to the temperature  $t_0$  and pressure  $p_0$ .  $G_0$  is the measured heat transfer agent consumption without a

Card 1/3

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619930001-2"

28915 S/170/61/004/011/018/020 B108/B138

A method of measuring the heat...

correction. y denotes the specific weight of the agent. The above equation accounts for the temperature and pressure-dependent parameters. A method is described for measuring heat consumption with automatic correction for all parameters dependent on pressure and temperature of the agent. For this purpose, the pressure and temperature-dependent quantities y, i, and a are rendered empirically by the product of one pressure-dependent, one temperature-dependent, and one constant factor. In this way, heat content assumes the form i topipot/io. The remaining two quantities are

analogous. With these, the above heat delivery equation becomes  $\frac{\alpha_{t_o} p^{\alpha} p_o t^{\epsilon k_t} G^o i_{t_o} p^i p_o t^{\sqrt{\gamma_{t_o} p^{\gamma} p_o} t}}{\alpha_o^2 \xi_o k_t^{\gamma_o i_o}}.$  This equation may be simpli . This equation may be simplified in

view of the fact that the fluctuations of the heat-transfer parameters are rather small. For instance, one may substitute  $\alpha_{t_0} p^{\epsilon i_{t_0}} p^{\sqrt{\gamma_{t_0}}} \approx k_8 + k_9 p$  and  $\alpha_{p_0} t^{\epsilon i_{p_0}} t^{\sqrt{\gamma_{p_0}}} \approx 1/(k_{10} + k_{11}t)$ .

Card 2/3

A method of measuring the heat...

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constant coefficients. A simple electrical circuit is used to record the dependence according to this kind of simplified equation. Only three detecting elements are needed: one for the consumption of the heat transfer agent, one for pressure, and one for temperature. There are 2 Soviet

ASSOCIATION: Institut energetiki AN BSSR, g. Minsk (Power Engineering

Institute AS BSSR, Minsk)

SUBMITTED:

April 4, 1961

Card 3/3

CIA-RDP86-00513R000619930001-2" APPROVED FOR RELEASE: 08/10/2001

NOVASH, V.I., kand.tekhn.nauk, dotsent; KAVTSEVICH, Ye.N., inzh.; KAKHANOVICH, Y.S., inzh.; KRAS'KO, A.S., insh.; CHERVINSKIY, L.L., inzh.

Conditions for the establishment of synchronous operation in sections of an electric power system in the presence of non-synchronous automatic reclosing. Izv. vys. ucheb. zav.; energ. 5 no.2:5-11 F '62. (MIRA 15:3)

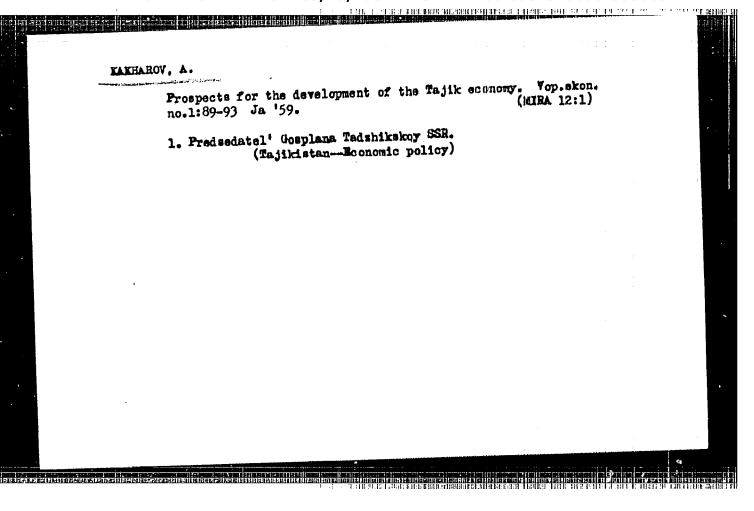
1. Belorusskiy politekhnicheskiy institut. Predstavlena kafedroy elektricheskikh stantsiy.

(Electric power distribution)

KAKHANOVICH, V.S., inzh.

Direct measurement of the efficiency of electric power systems. Izv. vys. ucheb. zav.; energ. 6 no.11:12-21 Nº63. (MIRA 17:2)

1. Institut matematiki i vychislitel'noy tekhniki AN BSSR.



#### KAKHAROV, A.

Relationship of the perineural spaces of Auerbach's plexus to the lymphatic system of the small intestine. Zdrav.Tadkh. 9 no.3:63-65 My-Je '62. (MIRA 15:8)

1. Iz kafedry anatomii cheloveka 1-go Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova i Laboratorii funktsional'noy anatomii AMN SSSR (zav. kafedroy i laboratoriyey - chlenkorrespondent AMN SSSR prof. D.A.Zhdanov).

(LYMPHATICS) (INTESTINES--INNERVATION)

KISELEV, T.; DIORDITSA, A.; TYNURIS, E.; CHOGOVADZE, G.; BEGMATOVA, S.; GAPUROV, M.; KAKHAROV, A.

The entire country participates in foreign trade. Vnesh. torg. 43 no.12: 6-12 '63. (MIRA 17:2)

1. Predsedatel' Soveta Ministrov Belmraskoy SSR (for Kiselev). 2. Predsedatel' Soveta Ministrov Moldavskoy SSR (for Diorditsa). 3. Zamestitel' Predsedatelya Soveta Ministrov Estonskoy SSR (for Tynuris). 4. Zamestitel' Predsedatelya Soveta Ministrov Gruzinskoy SSR (for Chogovadze). 5. Zamestitel' Predsedatelya Soveta Ministrov Kirgizskoy SSR (for Begmatova). 6. Predsedatel' Soveta Ministrov Turkmenskoy SSR (for Gapurov). 7. Predsedatel' Soveta Ministrov Tadzhikskoy SSR (for Kakharov).

USSR/Technical Crops. Oil Plants. Sugar Plants.

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77750.

Author : Kakharov, A.K.

महरू हो इंग्डिय हो है। तो हु हुई हो महरू है। तो है। तो

Inst Title : On the Development of Cotton Growing in the Tudzhik

SSR.

Orig Pub: V sb.: Materialy Ob"yedin. nauchn. sessi1 po

khlopkovodstvu. T.I. Tashkent, Gosizdat. UZSER,

1958, 79-86.

Abstract: No abstract.

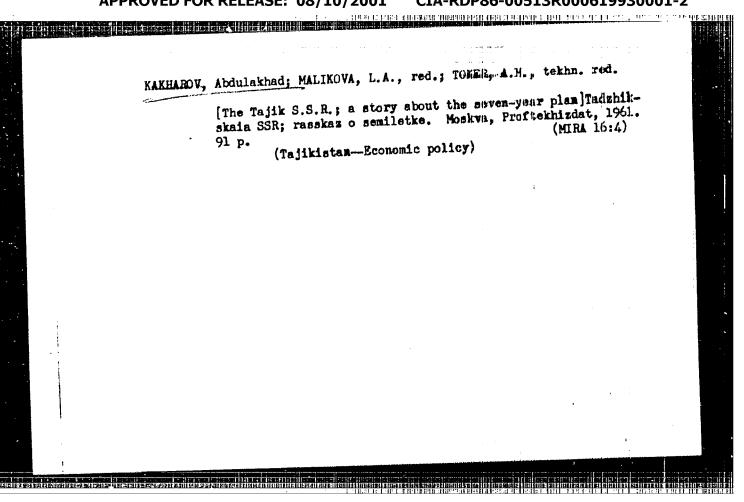
Card : 1/1

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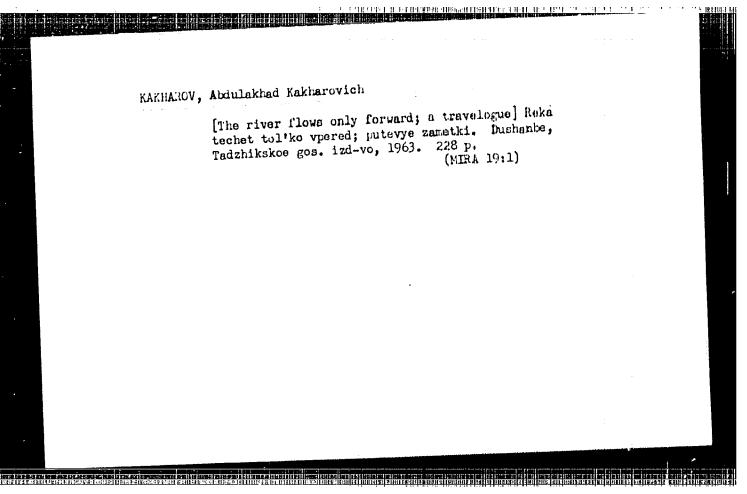
APPROVED FOR RELEASE: 08/10/2001 CIA RDP86-00513R000619930001-2"
KAKHAROV, Abdulakhad Kakharovich; PRUKHOROVICH; P ULIYANOVSKIY, R.A., otv.red.; GARMSEN, O.M., red.12d-va; HEGRIMOVSKATA, R.A., tekhn.red.

> [Friendly aid and mutually beneficial collaboration; economic relations of the U.S.S.R. with industrially underdeveloped countries of the East] Druzheskaia pomoshch' i vseimovygodnoe sotrudnichestvo; ekonomicheskie sviasi SSSR s promyshlenno slabo razvitymi stranami Vostoka. Moskva, Izd-vo vostochnoi lit-ry, 1959. (HIRA 13:2) 80 p.

(Economic assistance)



CIA-RDP86-00513R000619930001-2" APPROVED FOR RELEASE: 08/10/2001



ABDURASULEVA, A.R.; ALIYEV, N.X.; KAKHAROV, A.T.; TULDASHEY, A.

Alkylation of cresols with cyclohexanol and cyclopentanol.
Zhur.org.khim. 1 no.3:517-521 Mr \*65. (MIRA 18:4)

1. Tashkentskiy gosudarstvennyy universitet im. V.I.Jenina.

JD/JG EWT(m)/EMP(t) IJP(c) SOURCE CODE: UR/0166/66/000/001/0065/0068 31008-66 AP6008550 ACCESSION NR: 63 3 AUTHOR: Kakharov, O.; Shuppe, G. N. ORG: Tashkent State University im. V. I. Lenin (Tashkentskiy gosuniversitet); Bukhara Pedagogic Institute (Bukharskiy pedinstitut) 2 TITLE: Determination of the heat of adsorption of cestum on filamentary tungsten depending on the method of filament treatment . SOURCE: AN UzSSR. Izvestiya. Seriya fiziko-matematichaskikh nauk, no. 1, 1966, 65-68 TOPIC TAGS: cesium, tungsten, adsorption ABSTRACT: The problem investigated was the behavior of cesium on tungsten. For this purpose, a study was made in a sealed device placed in a thermostat, in which various vapor pressures of cesium could be created, corresponding to a temperature range from -180 to +100C. All the basic inputs of the device were fitted into glass tubes, which were heated by small heaters on the outside to prevent the precipitation of layers of cesium near the inputs on the inner surface of the glass and the appearance of conductivity between the inputs. The vacuum in the device with a frozen source of cesium was of the order of 10-9 mm Hg. Card 1/2

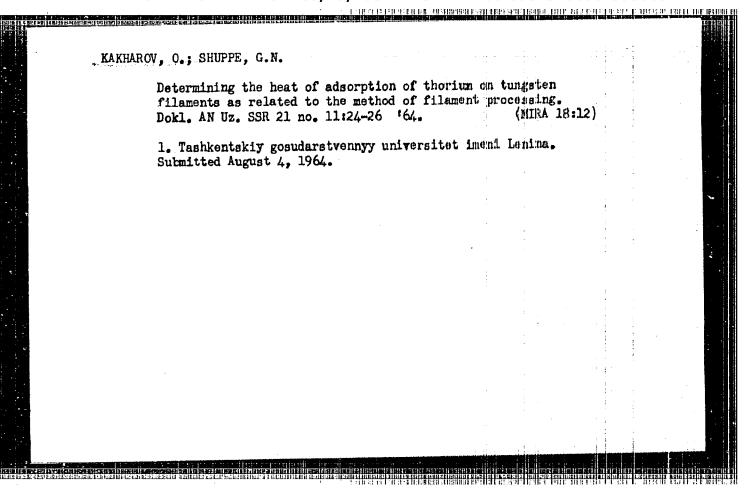
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ACCESSION NR: AP6008550

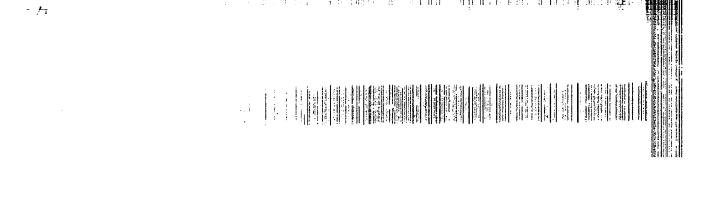
following conclusions were reached. 1) The absence of a sufficiently satisfactory theory made it impossible to compare the results obtained with the corresponding theoretical calculations. 2) As in the case of thorium, with cesium on tungsten the curves I ( $\theta$ ) (the dependence of the thermoelectron emission current I on the underlayer ( $\theta$ ) are monotonic at temperatures which assure the formation of the single layer. The work function of the cathodes Th-|W| (3.4 ev) and Cs-|W| (1.8 ev) is no lower at the most optimal covering of the work functions of thorium and cesium. 3) The presence of "humps" on the I(0) curves is related to the traces of oxygen, either in the space of the device, on the surface of tungsten wires with coverings lower than "optimal" is (2.1 ± 0.1) ev after treatment with d-c. Orig. art. has: 5 figures.

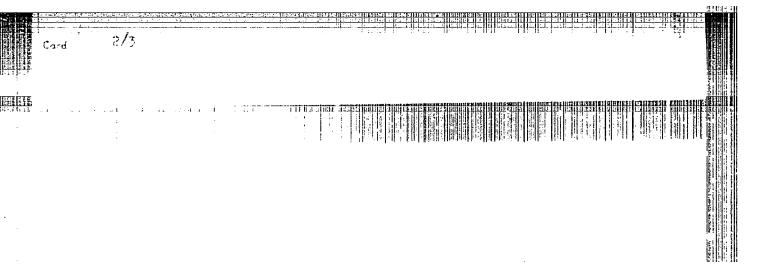
SUB CODE: 07 / SUBM DATE: 26Feb65 / ORIG REF: 004 / OTH REF: 002 / ATD PRESS: 4239

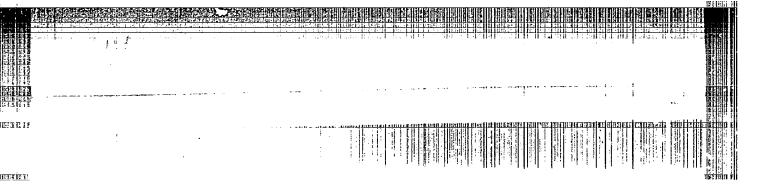
Card 2/2 2C



AUTHOR







MURASHEV, V., shofer (Khabarovskiy kray); KAKHELASHVILI, H., shofer (g.Tbilisi);
SERGIYENKO, A., shofer (g.Gorlovka); MEKITAYEV, B., automekhanik
(g.Kaunas)

Continuing the discussion on the perfect organization of work.
Avt.transp. 39 no.12:9-10 D '61. (MIRA 15:1)

(Transportation, Automotive)

105-58-3 20 31 Engineer Kakhel'nik, A. M. AUTHOR: Application of Rectifier Type Electrical Locomotives TITLE: (Primeneniye vypryamitel nykh elektrovozov) Elektrichestvo 1958 Nr 3, pp. 73 - 76 (USSR) PERIODICAL: In this paper a general survey on the development of the ABSTRACT: production of electrical locomotives in all countries is given. The development in the USSR ham taken the following course during the last twenty years: The first electrical locomotive of the type OR-22 Ol was built by the "Dinamo" works in collaboration with the steam locomotive works in Kelomna in Ostober 1938, which operated with single phase d.c. and with a twelve anode mercury are rectifier of the type RV -20. The Peat Transport Administration of the hydroelectric power station Shatura at the Ministry for Electric Power Stations of the USSR electrified the 10 km section Baksheyevo Lidino (Baksheyevo is situated 150 km east of Moscow, total line length 40 km. Remark by the reviewer), Card 1/z

1.05-58-3/2-20/31

Application of Rectifier Type Electrical Locomotives

main line electrical locomotive for single phase current with industrial frequency and ignitron rectifiers of the series N60 was completed. This electrical locomotive has the axle sequence 3 - 3, a power of 4000 kW with 6 pole traction motors, and represents one of the best locomotives in the world. There are 1 table and 35 references, 18 of which are Soviet.

SUBMITTED:

October 15. 1957

Card 3/3

KAKHETELIDZE, M. G.

"Experimental Pathological Investigation of the Hemopointic Pactor of the Stomach by a New Method Medical Stomatological Inst, Moscow, 1953. (RZhBiol, No 3, Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

30: Sum. No. 481, 5 May 55

KAKHATELIDZE, M.G.; VIADOS, Kh.Kh. (decensed); TERENT'YEVA, E.I.; and CHERTSOVA, T.A. "New USSR Liver Preparation Antianemin," Sov Prob Gematel. 1 Pereliv. Krovi, No 30, pp 269-74, 1953 Summary W-31279, 13 May 55

VIADOS, Kh. Kh. (Moscow); TRREST'YEVA, E.I. (Moscow); KAEHETELINES, M.G. (Moscow); CHERNTSOYA, T.A. (Moscow).

Antianesin, a new liver preparation. Klin, med. 31 no.11:40-44 M '53. (MERA 6:12)

1. Ix Tsentral'nogo ordena Lenina instituta genatologii i perelivaniya krovi (direktor - chlen-korrespondent Akademii meditsinskikh nauk SSSR profesjor A.A. Bagdasanov).

(Liver extract) (Anesia)

FEDOROV, N.A., professor; DUL'TSIN, M.S., professor; RAMONOVA-TSKHOVREGVA, O.D.; NAMYATYSHEVA, A.M.; KAKHETELIDZE, M.G.; ROZANOVA, N.S.

Effect of spleen extracts from leukosis patients on hemopoiesis in rabbits; preliminary report. Problemat. i perel. krowi 1 no.3: 9-14 My-Je '56. (MLRA 10:1)

1. Is TSentralinogo ordena Lenina instituta genatologii i perelivaniya krovi (dir. - chlen-korrespondent AMN SSSR prof. A.A.Bagdasarov) Ministerstva sdravookhraneniya SSSR.

(HEMOPOLESIS, physicl.
eff. of spicen extracts from leukosis patients on hemopolesis
in rabbits)
(SPIMEN

extracts from leukosis patients, eff. on hemopolesis in rabits)
(IBUKENIA

laukosis, spleen extracts from patients, off, on hemopolesis in rabbits)

KAKHETELIDZE, M. G. and TERENTYEVA, E. I.

"Effect of Acetylcholine and Adrenalin on the Blood Producing Cells of Bone Marrow in Tissue Culture," by E. I. Terentyeva and M. G. Kakhetelidze, Cytological Laboratory (Comsultant, G. K. Khrushchev, Corresponding Member, Academy of Sciences USSR) of the Central Order of Lenin Institute of Hematology and Blood Transfusion [director, A. A. Bagdasarov, Corresponding Member, Academy of Medical Sciences USSR], Ministry of Health USSR, Moscow, Byulleten' Eksperimental ney Biologii Meditsiny, Medgiz, Moscow, Vol 42, No 12, Dec 56, pp 60-64

On the basis of experiments conducted on cats it was established that acetylcholine and adrenalin when added to bone marrow in tissue culture have a pronounced effect on the biological properties of the blood producing cells of bone marrow.

Acetylcholine in dilutions of  $1:5\cdot 10^{-6}$  to  $1:5\cdot 10^{-7}$  has a stimulating effect on the viability of bone marrow cells in tissue culture. It has a favorable effect on the development of the young cells, and in addition considerably diminishes the degenerative changes in cell elements.

Adrenalin in dilutions of 1:5·10-6 to 1:10·-8 generally has an unfavorable effect on the bone marrow cells and intensifies the degenerative processes in the blood producing cells in cultures. At the same time considerable activation of the formation of polyblasts and macrophages takes place in the adrenalin cultures.

"The data obtained in the experiments may be utilized also for the investigation of the problem of chemical mediators in the transmission of nervous impulses."

Three tables indicating the effect of acetylcholine and adrenalin on the blood producing cells of bone marrow and a bibliography are provided.

Sum 1258

USSR / General Problems of Pathology. Tumors, General Problems. Abs Jour: Ref Zhur-Biol., No 22, 1958, 102508. : Kakhetelidze, M. G.; Ramonova-Tskhovrebova, O. Di; Author Hozanova, N. S. : Not given. : On the Influence of Repeated Transfusion of Blood Inst from Patients With Acute Leucosis on Blood Produc-Title tion in Rabbits. Orig Pub: Patol. fiziologiya 1 eksperim. terapiya, 1957, I, No 3, 48-51. Abstract: Repeated introduction to 3 rabbits of plasma of patients with acute leucosis (PAL; 17, 37 and 52 ml) induced in them, 44-45 days after the 1st inroduction, a sharp decrease of Hb, number of enythrocytes and leucocytes; disappearance of mature Pathophipiol Lab, Cent Inst Herralology & Blood Transfersion card 1/3

Commence to the archest of the conditional state (BHMA)

USSR / General Problems of Pathology. Tumors. General UProblems.

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102508.

Abstract: pseudoeosinophiles; appearance of young immature forms of pseudoeosinophiles; increase of the absolute number of monocytoid cells and decrease of the number of lymphocytes; and anisocytosis, polychromasis and appearance of erythronormoblasts (10-15 per 200 leucocytes). The animals perished in the course of 2 months with manifestations of anemia and leucopenia. In the bone marrow, at the beginning of experiment, its rejuvenation was observed, and several days before an animal's death only degenerative cells were discovered. In histologic examination of the liver, spleen, kidneys, lungs, etc., foci of blood formation were discovered. In repeated introduction of plasma of healthy indi-

Card 2/3

54

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USSR / General Problems of Pathology, Tumors, General UProblems.

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102508,

Abstract: viduals to 2 rabbits in the course of 3 months there were no observations of expressed changes. Introduction of erythrocytes of PAL did not induce in 3 rabbits in the course of 10 mo. any essential changes of blood production. Apparently, in the plasma of PAL there are toxic substances which induce toxicosis and inhibition of blood formation of bone marrow. -- R. P. Zolotnitskaya.

Card 3/3

# CHERNTSOVA, T.A.; KAKHETHLIDZE, M.G.

Hemopoietic factor content in the gastric juice and saliva in macro- and megaloblastic types of hemopoiesis. Problegement. 1 perelakrovi 4 no.4:29-31 Ap 159. (MERA 12:6)

1. Iz TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir. - deystvitel'nyy chlen AMK ISSR prof.A.A.Bagdasarov) Ministerstva adravookhrameniya BSER.

(ANEMIA, HYPERCHROMIC, physiol. hemopoietic eff. of gastric juice & saliva from anemic patients (Rus))

(ANEMIA, PERNICIOUS, physicl.

Bame)

(GASTRIC JUICE,

hemopoietic eff. of gastric juice from patients with permicious & hyperchromic anemias (Rus))

(SALIVA,

hemopoietic eff. of saliva from patients with parnicious & hyperchromic ansmias (Rus))

KAKHETELIDZE. M.G.; ROGACHEVA, L.S.

Study of the erythropoietic factor of the stomach and blood in acute radiation sickness. Probl. gemat. i perel. krovi 4 no. 10:14-19 0 159. (MIRA 13:8)

l. Iz TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir. - deystvitel'nyy AMN SSSR prof. A.A. Bagdasarov) Ministerstva zdravookhraneniya SSSR. (ERYTHROCYETS) (RADIATION SICKNESS) (GASTRIC JUICE)

FEDOROV, N.A.; NAMENTISHEVA, A.M.; KARHETELIDEE, M.G.; NOZANIVA, N.S.;

ZHIZHINA, N.A.

Humoral mechanisms of hemopoletic changes in acute radiation
sickness. Probl. gemat. i perel. krovi 5 no. 4:13-19 Ap 160.

(NIRA 14:1)

(RADIATION SICKNESS) (HEMATOPOLETIC SISTEM)

FEDOROVA, N.A.; KAKHETELIDZE, M.G.; KORYAKINA, I.K.

Site of formation of hemopoietic substances. Frobl. gemat. 1 perel.
krovi 5 no. 11:17-21 '60. (MIRA 14:1)

(HEMATOPOIETIC SYSTEM)

CONTROL OF THE TABLE BY THE PROPERTY OF THE PR

KAKHETELIDZE, M.G.; FEDOROV, N.A. (Mobhisa)

On the hemopoietic factor of the stomach. Fat.fisiol.i eksp. terap. 5 no.1:15-24 Ja-F '61. (MIRA 14:6)

1. Iz patofiziologicheskdy Laboratorii (zav. - chlen-korrespondent AMN SSSR prof. N.A.Fedorov) TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir. - deystvitel'nyy chlen AMN SSSR prof. A.A.Bagdasarov) Ministerstva zdravookhraneniya SSSR. (HEMOPOIETIC SYSTEM) (GASTRIC JUICE)

KAKHETELIDZE, M.G.; MIKHAYLOVA, I.A. [ cceased]; MALANINA, V.N.;

MOSKALKYA, G.P. (Moskva)

Role of the pituitary body in hematopolesis. Probl.endok. i
gorm. no.1:14-21 '62. (MIRA 15:3)

1. Iz patofiziologicheskoy laboratorii (zav. - chlem-korrespondent
AMN SSSR prof. A.A. Bagdasarov).

(HEMATOPOLETIC SISTEM) (HYPOPHYSECTOMY)

## FEDOROV, N.A.; KAKHETELIDZE, M.G.; NAMYATYSHEVA, A.M.

Quantitative hemopoietin changes in the gastric juine of dogs following repeated bloodletting and blood transfusion, Biul. eksp. biol. i med. 53 no.5:28-32 My 162. (MIRA 15:7)

l. Iz TSentral'ndgo ordena Lenina instituta gematologili i perelivaniya krovi Ministerstva zdravookhraneniya SSSR, Moskva. (BLOOD\_TRANSFUSION) (BLOODLETTING) (GASTRIC JUICE)

KAKHETELIDZE, M.G.; MAKAROVA, Ye.M.

Change in the hemopoietin content of the blood serum following blood.loss. Probl. gemat. i perol. krowi no. 12: 50-53 62. (MHA 16:8)

1. Iz patofiziologicheskoy laboratorii (zav. - chlen-korrespondent AMN SSSR prof. N.A.Fedorov) TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (direktor
dotsent A.Ye. Kiselev) Ministertva zdravokhraneniya SSSR.

(HEMOPOIETIC SYSTEM) (BLOODLETTINE)

KAKHETELIDZE, M.G.

Hemoculture method for the quantitative determination of hemopoietins. Biul.eksp.biol.i med. 53 no.6199-102 Je '62. (MIRA 15:10)

1. Iz tsitologicheskoy laboratorii (zav. - prof. E.I.Terent'yeva) i patofiziologicheskoy laboratorii (zav. - chlen-korrespondent AMN SSSR prof. N.A.Fedorov) TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi Ministerstva zdravookhraneniya SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR V.V. Parinym.

(HEMATOPOIETIN) (TISSUE CULTURE)

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KAKHETELII/ZE, M.G. (Moskva)

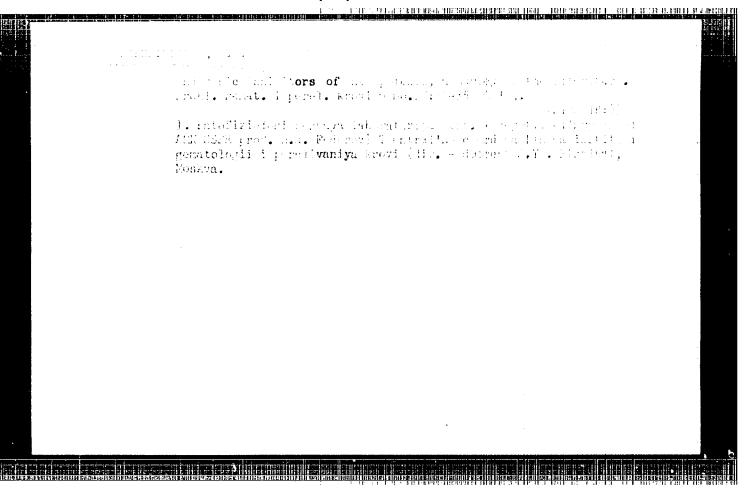
Hemopoetins; a review of experimental work. Fat. fiziol. 1
eksp. terap. 7 no.4:74-86 Jl-Ag '63. (MIRA 17:9)

KAKHETELIDZE, M.G.; NAMYATYSHEVA, A.M.

Modified hematopoietic activity of the gastric juice following the interference between food and defense reflexes in cats. Pat. fiziol. i eksp. terap. 8 no.4:63-64 Jl-Ag \*64.

(MIRA 18:2)

1. Patofiziologicheskaya laboratoriya (zav.- deystvitel'nyy chlen AMN SSSR prof. N.A. Fedorov) TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir.- dotsent A.Ye. Kisəlev) Ministerstva zdravookhraneniya SSSR, Moskva.



FERONOV, M.A.; KARMETELINYE, M.C.; MANKARYA, G.F.

New data on the site of hemopoiet:n formation. Eigh, eksp. biol.
i med. 58 no.8;98-101 Ag '64.

1. Patofiriologiches' aya laboratoriya (zav. - deystritel'nyy chlen
ANN SSSR prof. N.A. Fedorov) TSentral'nogo ordera Lenina instituta
gematologii i perelivaniya krovi (dir. - dotsent 4.%s. Kisslev) Manisterstva zdravookhraneniya SSSR, Moskva.

KAKHETELIDZE, M.G.; CHERNTSOVA, T.A.; MOSKALŁVA, G.P.; NIKOLAYEVA, N.V.

Hemopoietins in some diseases of the blood system. Probl. gemat. i perel. krovi 10 no.2:13-19 F '64. (MIRA 19:1)

1. Patofiziologicheskaya laboratoriya (zav. - deystvitel'nyy chlen AMN SSSR prof. N.A. Fedorov) i gematologicheskaya klinika (zav. - prof. M.S. Dul'tsin) TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir. - dotsent A.Ye. Kiselev) Ministerstva zdravookhraneniya SSSR, Moskva.

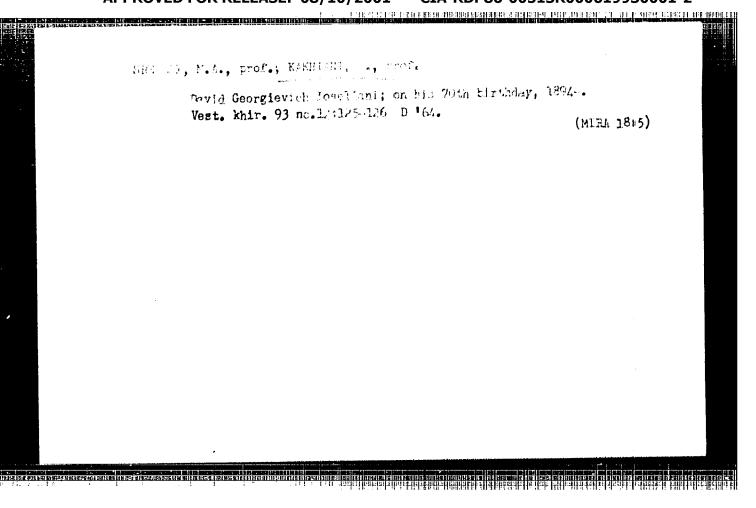
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### KAKHIANI, M.D.

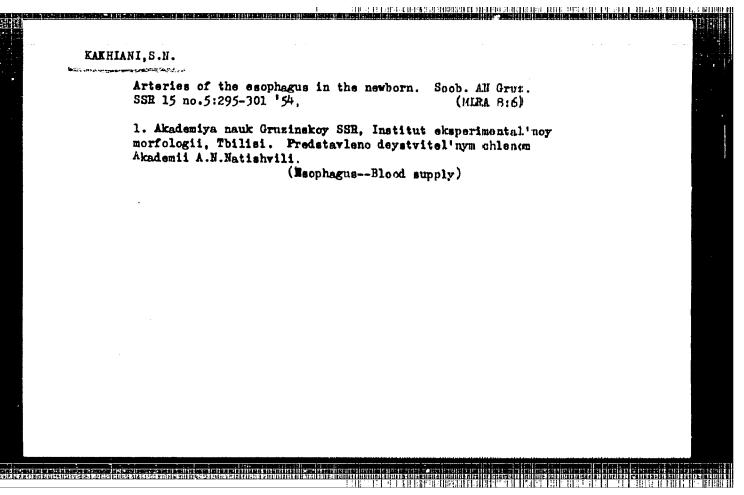
Changes in the titration acidity (potential) of urine in case of functional cardiac insufficiency. Soob AN Grus. 85R no.5: 607-610 My 159. (HIRA 12:11)

1. Akademiya nauk Grusinskoy SSR, Institut eksporimental noy i klinicheskoy khirurgii i gematologii, Thilisi. Predstavleno akademikom K.D.Eristavi.

(URINE-AMAIYSIS AND PATHOLOGY)
(HEART FAILURE)



# KAKHIANI, S.N. Technic of extraperitoneal cystectomy and implantation of the ureters into the rectum in women. Khirurgiia no.9:10-13 S '54. (MERA 7:12) 1. Iz kafedry operativncy khirurgii i topograficheskoy anatomii (zav. prof. Sh.S.Tondze) Tbilisskogo instituta unevershenstvovaniya vrachey. (BLADDER, surgery, cystectomy with implant of ureters into rectum in women) (URETERS, surgery, implant, rectum, in cystectomy in women)



EST-DE VICE DE LE CONTRACTO DE LA CONTRACTO DE LA CONTRACTOR DE LA CONTRAC KAKHIAH USSR / Human and Animal Morphology (Normal and Pathological). 8 Digestive System. : Ref Zhur - Biologiya, Ro 9, 1958, No. 40721 Abs Jour Kakhani Author : Tbilisi Modidal Institute Inst : On the Problem of Determination of the Length of the Title Small Intestine : Tr. Kafedry operativn. khirurgii i topogr. anatomii. Orig Pub Tbilissk. med. in-t, 1956, 1, 61-65 : In order to attain the greatest possible accuracy in Abstract the measurement of the length of the small intestine, a preliminary fixation of the object is recommended, as well as measurement in situ with the help of a waxed string drawn downwards from the free limit of the intestine. It is advisable to make use in the determination of the relative length of the intestine of the Card 1/2

TOIDZE, Sh.S.; KAKHIANI, S.N.

Surgical significance of the variability of renal veins. Scob. All
Gruz. SSR 19 no.6:731-736 D '57. (MIRA 11:6)

1.Tbilisskiy gosudarstvennyy meditsinskiy institut, Fredstavlene
akademikom A.P. TSulukidze.

(VEINS) (KIRKEYS-SURGERY)

KAKHIANI, S.N.; VINIDZE, TS.V., red. izd-va; KHUTSISHVILI, V.V., tekhn. red.

[Brachial plexus and its long rami; an anatomical study] Plechevoe spletenie i ego dlinnye vetvi; anatomicheskoe issledovanie. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1961. 209 p. (MIRA 15:7) (BRACHIAL PLEXUS)

KAKHIANI, V.V.; GAGULASHCILI, A.D.; THEREN, G.K.

Clinical aspects and treatment of a polyic fracture. Coob.
AN Gruz. SGR 30 no.3:367-372 '!r '63. (NIRA 17:6)

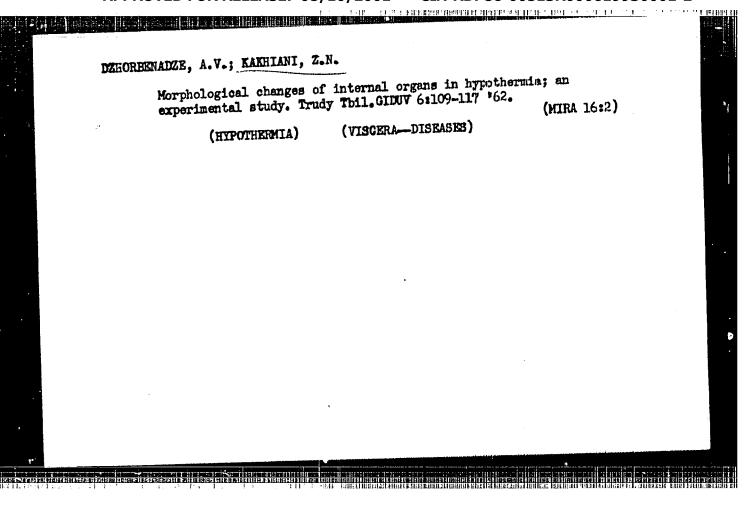
L. Tbilisakiy gosudarstvunnyy institut usovershentvoveniya vrachey i Bol'nitea skoroy pencebehi, Ebilisi. Fredstavleno skademikom K.D. Eristavi.

KAKHIANI, Z.N., kandidat meditsinskikh nauk (Tbilisi ml. Klary TSetkin, d.28) Carcinogenic action of tobacco tars. Vop.onk. 1 no.3:96-100 155. 1. Iz Instituta eksperimental'nor klinicheskoy khirurgii i gematologii AN SSSR (direktor - deystwitel'nyy chlen AN SSSR zazluzh, deyatel' nauki prof. K.D.Bristavi) (CARCINOGENS, determination, in tobacco tara) (TOBACCO. carcinogens in tars) (TARS, carcinogens in tobacco tars) 

DZHORHENADZE, A.V.; SHOTADZEN D.P.; KANHIANI, Z.N.; TSINISADZE, G.K.

Some complications in modern anesthesia. Trudy Tbil. GIDUV
(MIRA 16:2)
6:231-238 '62.

(ANESTHESIA—COMPLICATIONS AND SEQUELAN)



KAKIASHVILI, D.S.; TESLYA, T.A.

Study of the contractile function of the myocardium in people of advanced age. Soob. AN Gruz. SSR 29 no.2:239-244 Ag "62.

1. Sukhumskaya II gorodskaya bol'nitsa imeni Shervashidze i Institut rentgenologii Ministerstva zdravookhruneniya RSFER.

Submitted June 27, 1961.

MUSKHELISHVILI, G.N.: LYUDVIGOV, R.B.: KAKHIDZE, G.P.

प्रसार है जो के किया है कि किया ह इस किया कि किया कि किया है कि किय

Electrodynamic valves used in Wilson chambers. Prib.1 tekh.eksp. no.3:104-105 N-D \*56. (MLRA 10:2)

1. Institut fiziki AN GrusSSR. (Cloud chamber)

KAKHIDZE, G. P.

"New Valve System for the Wilson Cloud Chamber," by G. M. Muskhelishvili, R. B. Lyudvigov, and G. P. Kakhidze, Institute of Physics, Tbilisi, Academy of Sciences Georgian SSR, Soobshcheniye Akademii Nauk Gruzinskoy SSR, Vol 17, No 9, Sep 56, pp 785-788

This article criticizes valves currently used in Wilson cloud chambers. "They are either complex and operate unsatisfactorily or relatively simple and have other drawbacks." Among the disadvantages of electromagnetic valves their considerable lag and their effect on thermal stability are listed. Vacuum activated valves, "although they have a short time lag, are not practical for use in the stratosphere."

The article describes an "electrodynamic valve" developed by the authors. It claims that the valve is relatively simple, has a time lag of the order of 10<sup>-4</sup> seconds, and is free of the deficiencies enumerated above.

Construction details and a schematic diagram of am experimental model of the valve are given.

The valve's suitability for application in fluid hydrogen chambers is noted. (U)

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GARIBASHVILI, D.T.; GRIGALASHVILI, T.S.; KAKHIDZE, G.P.; CHIKCYANI, G.Te.; SHRABSHTEYN, S.A.

Multichannel pulse analyzer for an ionization calorimeter on capacitive memory cells and a system of information output. Fiz. chast. vys. energ. no.1:105-109 165. (MIRA 18:12)

BERGER, A.R.; GARIFASHVILI, D.I.; KAKHIDZE, G.P.; KAKAURIMZE, D.B.; CHIKOVANI, G.Yo.

Multichannel system for analyzing pulses from an ionization calorimeter. Fiz. chast. vys. energ. no.1:111-116 (65. (MIRA 18:12))

SOURCE CODE: UR/3204/65/000/001/0105/0109 ACC NRI лт6025062 AUTHOR: Garibashvili, D. I.; Grigalashvili, T. S.; Kakhidze, G. P.; Chikovani, G. Ye. Shravshteyn, S. A. ORG: none TITLE: Multichannel pulse analyzer for an ionization calorimeter using capacitive memory cells and an information readout system SOURCE: AN GruzSSR. Institut fiziki. Fizika chastits vysokikh energii, no. 1, 1965, 105-109 TOPIC TAGS: multichannel analyzer, calorimeter, computer memory, data readout, ionization chamber ABSTRACT: The authors describe a multichannel system intended for the memorization of information obtained from an ionization calorimeter and for printing out the output data in digital form. The multichannel analyzer is used with the ionization calorimeter of the Bakuriani High-Mountain Station of the Physics Institute of AN GruzSSR, which contains approximately one hundred ionization chambers. The ionization chamber records events in excess of a given threshold (amplitudes 0.1 - 100 v), which are then stored and printed. The memory system, the gating circuit, the pulse stretching system, and the auxiliary apparatus are described. The rendout system consists of a timing pulse, master generator, selector switch, digital voltmeter, printer unit, and auxiliary equipment. The path of the signal from the ionization 1/2 Card

Kazarov and te	chnician	er is traced in detail. The authors thank senior scans A. I. Kongolidi, G. B. Stepanov, and $P_n$ V. Dahavand adjustment of the apparatus. Orig. art. has: 4						. peril	
SUB CODE: 20,				ORIG REF:		at he was	<b>∀ 800</b>		
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AUTHOR: Berger, A. R.; Garibashvili, D. I.; Kakhidze, G. P.; Kakauridze, D. B.; Chikovani, G. Ye.

ORG: none

TITIE: Multichannel system for the analysis of pulses from an ionization calorimeter SOURCE: AN Gruzssr. Institut fiziki. Fizika chastits vysokikh energii, no. 1, 1965, 111-116

TOPIC TAGS: calorimeter, ionization chamber, multichannel analyzer, magnetic core storage, transistorized amplifier

ABSTRACT: The authors describe a multichannel system capable of reliably handling the signal from the approximately five hundred channels of the Tskhra-tskaro ionization calorimeter. To increase the reliability, the number of vacuum tubes has been reduced to a minimum of three per channel, which is approximately half that used in similar installations. Each channel consists of a preamplifier, final amplifier, gating circuit, and magnetic memory. All channels feed into a common commutator and regulating unit. The remaining circuit elements are transistors and magnetic core devices. The magnetic core devices are used in the memory. A block diagram of the system and detailed descriptions of the preamplifier, final amplifier, gating circuits, and memory cells are given. Orig. art. has: 5 figures and 1 formula.

SUB CODE: 20, 09/ SUBM DATE: 00

Card 1/1

BURDZHANADZE, O.I.; KAKHIDZE, G.V.

Some hemodynamic changes in a lung resection; an experimental study. Trudy Inst.eksp.i klin.khir.i gemat. AN Gruz.SSR 10:133—138 '62.

(LUNGS—SURGERY)